

verizon[✓]
innovative
learning

TSA 100

THE TSA 100

2017-2018 Application



Technology Student Association, 1914 Association Drive, Reston, VA 20191
888-860-9010 • www.tsaweb.org

CONTENTS

Overview	3
<i>The TSA 100</i>	4
Program Specifications	4
Participant Recruitment and Enrollment Guidelines/Requirements	5
Chapter Program of Work and Evidence.	5
Application	6
General Information (school and advisor).	6
Important Dates	7

OVERVIEW

Our nation's economy has greatly benefited from the technological achievements of the last 100 years and is destined for greater achievements throughout the 21st century. The demand for STEM literate citizens has become increasingly high, and STEM talent is more and more valuable and necessary, as it will continue to play a dominant role in all aspects of everyday life.

For almost 40 years, the Technology Student Association has supported a wide range of educational opportunities in STEM for middle and high school students, as well as for teachers. TSA members are able to apply and integrate STEM concepts through teamwork, leadership activities, problem solving, and hands-on experiences. Among other opportunities, TSA members are able to:

- Gain a better understanding of the real-world applications of science, technology, engineering, and mathematics, STEM;
- Overcome negative attitudes and perceptions they may have about cultural, social, and other barriers to STEM studies and careers;
- Gather confidence in their ability to participate in STEM activities;
- Engage in activities that promote collaboration and problem solving in a team environment;
- Be better prepared to pursue engineering and STEM in college and, ultimately, in future careers;
- Compete at the local, state, and national level in STEM competitions;
- Develop skills through TSA's leadership program, LEAP;
- Contribute time and effort to a national service project;
- Receive acknowledgement through TSA's recognition and achievement programs;
- Have a voice in a national organization that is helping to shape the future of STEM education.

Over the last several years, TSA has partnered with the Verizon Foundation to offer Verizon's Innovative Learning App Challenge competition. A new collaborative effort of Verizon and TSA is *The TSA 100*.

THE TSA 100

In support of The Verizon Foundation's Innovative Learning initiative of inclusion for all students in STEM learning and careers, TSA has identified a number of states with historically underrepresented populations. TSA will offer participation in *The TSA 100* to some middle and high schools in those states. TSA will award 100 schools nationwide (no more than 10 schools* per state, but more than 10 applications may be submitted) a program grant for the 2017-2018 school year that would cover these specific expenses related to creating and running a TSA chapter:

- Membership dues (local, state and national) for a 10-member chapter plus one advisor
- A \$200 cash allotment for materials and supplies for the technology lab
- Official TSA shirts for 10 members, plus one advisor
- A *Student Leadership Challenge* text book for the advisor and 10 workbooks for chapter members
- *Student Leadership Challenge* training for the advisor
- A \$200 stipend for one chapter advisor to be given in June 2018
- Professional membership for one advisor in ITEEA (International Technology and Engineering Education Association)

**Schools not previously affiliated with TSA for the past two years*

PROGRAM SPECIFICATIONS

1. *The TSA 100* program provides funding from the Verizon Foundation for middle schools (grades 5 – 8) and high schools (grades 9 – 12) to institute a 10-member TSA chapter with one advisor for one year. Funding covers specific expenses for creating a TSA chapter.
 - Membership dues (local, state, and national)
 - A cash allotment of \$200 for materials and supplies (not electronic or mobile devices) for the school's technology lab. Receipts for technology lab purchases will be required.
 - Official TSA attire shirts for 10 members, plus an advisor
 - A *Student Leadership Challenge* textbook for advisors and 10 work books for chapter members
 - *Student Leadership Challenge* on-line training for advisors
 - A \$200 stipend for one chapter advisor to be given in June 2018, pending receipt of a summary of the program of work and evidence of chapter activities. Please refer to Chapter Program of Work and Evidence for clarification and additional details on requirements
 - Professional membership for an advisor in ITEEA (International Technology and Engineering Education Association)
2. Chapters are required to submit a program of work that includes documentation of chapter activities such as evidence of competition preparation meetings, election of officers, local service projects, etc. in order to receive official TSA attire, textbooks, workbooks and advisor training and the cash allotment for the technology lab.

3. Cash allotments, official attire, textbooks, workbooks and advisor training will be coordinated following online affiliation and the verification of chapter activities.
4. *The TSA 100* chapter funding recipient must not have affiliated with TSA for the last two consecutive school years.
5. *The TSA 100* chapter must have a minimum of 10 members
6. At least 30% of students participating in *The TSA 100* should be students from underserved and/or underrepresented populations in STEM. Please refer to Participant Recruitment and Enrollment Guidelines/Requirements section below for clarification and additional details about this designation.
7. All students who participate in *The TSA 100* must be U.S. citizens or permanent legal residents.

PARTICIPANT RECRUITMENT AND ENROLLMENT GUIDELINES/REQUIREMENTS

School

Criteria for selecting schools/programs for targeted outreach--schools/programs must qualify for one or more of the following:

- 60% or more of students/participants qualify for free or reduced lunch
- School receives Title 1 funding

Chapter

To be considered underserved and underrepresented, at least 30% of students in the chapter need to meet the following criteria:

- Student self-identifies as qualifying for free or reduced lunch
- Student self-identifies as a minority historically underrepresented in STEM (Alaskan Native, Native American, Black or African American, Hispanic, Native Hawaiian or other Pacific Islander). Schools are responsible for ensuring that all participants in *The TSA 100* are from underserved and/or underrepresented populations. This data will be collected when chapters complete the online TSA affiliation.

Chapters are encouraged to include students who are academically motivated and are considered to be underserved and underrepresented in STEM.

CHAPTER PROGRAM OF WORK AND EVIDENCE

Selected chapters must submit evidence of chapter activities such as:

- List of chapter goals
- Chapter activities calendar
- Meeting flyer or agenda
- List of elected chapter officers

Chapter Program of Work is due on November 1, 2017

APPLICATION

Briefly describe why you feel your school and students would benefit from having a TSA chapter (50 words or less):

General Information (school and advisor)

Advisor's first name _____

Advisor's last name _____

Advisor's email _____

Advisor's cell phone _____

Full and official name of the school _____

School's physical address

Street _____

City _____

State _____

Zip code _____

School district _____

School phone _____

School fax _____

Type of area in which the school is located

- ☐ urban
☐ suburban
☐ rural

Free and reduced lunch percentage _____

Schools: Enter the free/reduced lunch percentage for your school. This information is available from your school's or district's "national or state report card" or may be available through the National Center for Education Statistics (NCES). If you represent a non-public school that does not collect this data, enter not applicable (N/A).

Grade/level ☐ middle school ☐ high school

Important Dates*

October 1, 2017	Application deadline
November 1, 2017	Chapter program of work deadline
November 10, 2017	Affiliation deadline
November 17, 2017	Submission of TSA shirt sizes

**Deadlines may be extended if slots in The TSA 100 remain available after the dates indicated.*

Signature

Chapter Advisor

Date

Signature

Principal

Date

>>> Please email signed application and attachment to Suzy Orr, sorr@tsaweb.org.

Copyright ©2014 John Wiley & Sons, Inc. *The Leadership Challenge®*. *The Student Leadership Challenge®*. And *The Five Practices of Exemplary Leadership®* are registered trademarks of John Wiley & Sons, Inc.